

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|-----------------|------------------|---------|------------------|
| L1 | 2 | ((("5926186") or ("6081819"))).PN. | USPAT | OR | OFF | 2005/01/04 10:24 |
| L2 | 0 | 1 and (formula equation expression) same (shift\$4 mov\$4 shrink\$4 stretch\$4 deform\$4) with graph\$5 | USPAT | OR | ON | 2005/01/04 10:26 |
| L3 | 0 | 1 and (formula equation expression) same (shift\$4 mov\$4 shrink\$4 stretch\$4 deform\$4) | USPAT | OR | ON | 2005/01/04 10:25 |
| L4 | 2 | 1 and (formula equation expression)and (shift\$4 mov\$4 shrink\$4 stretch\$4 deform\$4) with graph\$5 | USPAT | OR | ON | 2005/01/04 10:26 |
| L5 | 2 | 1 and (formula equation expression) and (shift\$4 mov\$4 shrink\$4 stretch\$4 deform\$4) with graph\$5 | USPAT | OR | ON | 2005/01/04 10:34 |
| L6 | 2 | 1 and (formula equation expression) | USPAT | OR | ON | 2005/01/04 10:28 |
| L7 | 48 | (shrink\$4 stretch\$4 deform\$4) with calculator | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:35 |
| L8 | 0 | (shrink\$4 stretch\$4 deform\$4) near2 graph\$4 with calculator | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:38 |
| L9 | 7 | 7 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:38 |
| L10 | 2040 | calculator.ti. | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:38 |
| L11 | 3777 | calculator.ab. | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:38 |
| L12 | 5024 | 10 11 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:38 |
| L13 | 1 | 12 and (shrink\$4 stretch\$4 deform\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:39 |
| L14 | 3 | 12 and (shrink\$4 stretch\$4 deform\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:41 |
| L15 | 6 | 12 and (shrink\$4 stretch\$4 deform\$4 dilat\$4) with graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:41 |
| L16 | 11 | (shrink\$4 stretch\$4 dilat\$4) near3 graph\$4 near3 point | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:42 |
| L17 | 3 | 16 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:46 |
| L18 | 30043 | dilat\$5 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:46 |
| L19 | 12 | 12 and 18 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:47 |

| | | | | | | |
|-----|-------|---|--------------------|----|-----|------------------|
| L20 | 133 | "345"/\$.ccls. and 18 | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:47 |
| L21 | 100 | 20 and (math\$7 express\$4 equation formula calculator) | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:48 |
| L22 | 2 | 20 and (math\$7 with (express\$4 equation formula)) | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:49 |
| L23 | 1 | 20 and (calculator) | US-PGPUB; USPAT | OR | ON | 2005/01/04 10:49 |
| S1 | 1481 | calculator.ti. | USPAT | OR | ON | 2003/03/04 14:56 |
| S2 | 2783 | calculator.ab. | USPAT | OR | ON | 2003/03/04 15:05 |
| S3 | 3541 | calculator.ti. or calculator.ab. | USPAT | OR | ON | 2003/03/04 14:56 |
| S4 | 33 | (calculator.ti. or calculator.ab.) and (pre\$1defin\$4 or pre\$1determin\$4 or pre\$1set\$4 or pre\$1stor\$4) near3 equation | USPAT | OR | ON | 2003/03/04 15:01 |
| S5 | 17 | ((calculator.ti. or calculator.ab.) and (pre\$1defin\$4 or pre\$1determin\$4 or pre\$1set\$4 or pre\$1stor\$4) near3 equation) and simultaneous\$4 | USPAT | OR | ON | 2003/03/04 15:00 |
| S6 | 1 | ((calculator.ti. or calculator.ab.) and (pre\$1defin\$4 or pre\$1determin\$4 or pre\$1set\$4 or pre\$1stor\$4) near3 equation) and simultaneous\$4) and "345"/\$.ccls. | USPAT | OR | ON | 2003/03/04 14:58 |
| S7 | 10960 | texas with instrument.as. | USPAT | OR | ON | 2003/03/04 15:00 |
| S8 | 114 | shape.as. | USPAT | OR | ON | 2003/03/04 15:00 |
| S9 | 2001 | casio.as. | USPAT | OR | ON | 2003/03/04 15:00 |
| S10 | 13075 | (texas with instrument.as.) or shape.as. or casio.as. | USPAT | OR | OFF | 2003/03/04 15:00 |
| S11 | 279 | (calculator.ti. or calculator.ab.) and ((texas with instrument.as.) or shape.as. or casio.as.) | USPAT | OR | OFF | 2003/03/04 15:00 |
| S12 | 82 | ((calculator.ti. or calculator.ab.) and ((texas with instrument.as.) or shape.as. or casio.as.)) and simultaneous\$4 | USPAT | OR | ON | 2003/03/04 15:37 |
| S13 | 0 | ((calculator.ti. or calculator.ab.) and ((texas with instrument.as.) or shape.as. or casio.as.)) and simultaneous\$4) and (pre\$1defin\$4 or pre\$1determin\$4 or pre\$1set\$4 or pre\$1stor\$4) near3 equation | USPAT | OR | ON | 2003/03/04 15:01 |

| | | | | | | |
|-----|-----|--|-------|----|----|------------------|
| S14 | 0 | ((calculator.ti. or calculator.ab.) and ((texas with instrument.as.) or shape.as. or casio.as.)) and (pre\$1defin\$4 or pre\$1determin\$4 or pre\$1set\$4 or pre\$1stor\$4) near3 equation | USPAT | OR | ON | 2003/03/04 15:06 |
| S15 | 20 | ((calculator.ti. or calculator.ab.) and ((texas with instrument.as.) or shape.as. or casio.as.)) and "345"/\$.ccls. | USPAT | OR | ON | 2003/03/04 15:02 |
| S16 | 10 | ((calculator.ti. or calculator.ab.) and ((texas with instrument.as.) or shape.as. or casio.as.)) and "345"/\$.ccls.) and simultaneous\$4 | USPAT | OR | ON | 2003/03/04 15:02 |
| S17 | 242 | (graph\$4 or scientifi\$4) near2 calculator | USPAT | OR | ON | 2003/03/04 15:27 |
| S18 | 1 | ((graph\$4 or scientifi\$4) near2 calculator) and (pre\$1defin\$4 or pre\$1determin\$4 or pre\$1set\$4 or pre\$1stor\$4) near3 equation | USPAT | OR | ON | 2003/03/04 15:07 |
| S19 | 39 | ((graph\$4 or scientifi\$4) near2 calculator) and "345"/\$.ccls. | USPAT | OR | ON | 2003/03/05 10:52 |
| S20 | 14 | ((graph\$4 or scientifi\$4) near2 calculator).ti. | USPAT | OR | ON | 2003/03/04 16:17 |
| S21 | 22 | ((graph\$4 or scientifi\$4) near2 calculator).ab. | USPAT | OR | ON | 2003/03/04 15:35 |
| S22 | 912 | simultaneous\$4 near3 display\$4 with graph\$4 | USPAT | OR | ON | 2003/03/04 15:48 |
| S23 | 3 | simultaneous\$4 near3 display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula) | USPAT | OR | ON | 2003/03/04 15:48 |
| S24 | 427 | (simultaneous\$4 near3 display\$4 with graph\$4) and "345"/\$.ccls. | USPAT | OR | ON | 2003/03/04 15:43 |
| S25 | 23 | ((simultaneous\$4 near3 display\$4 with graph\$4) and "345"/\$.ccls.) and calculator | USPAT | OR | ON | 2003/03/04 15:43 |
| S26 | 61 | simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula) | USPAT | OR | ON | 2003/03/04 15:50 |
| S27 | 365 | display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula) | USPAT | OR | ON | 2003/03/04 15:50 |
| S28 | 414 | (simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) or (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) | USPAT | OR | ON | 2003/03/04 15:49 |

| | | | | | | |
|-----|-----|---|-------|----|----|------------------|
| S29 | 45 | ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) or (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula))) and calculator | USPAT | OR | ON | 2003/03/04 15:50 |
| S30 | 169 | ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) or (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula))) and "345"/\$.cccls. | USPAT | OR | ON | 2003/03/04 15:49 |
| S31 | 19 | ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) or (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula))) and calculator) and "345"/\$.cccls. | USPAT | OR | ON | 2003/03/04 15:50 |
| S32 | 26 | ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) or (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula))) and calculator) not (((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)) or (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula))) and calculator) and "345"/\$.cccls.) | USPAT | OR | ON | 2003/03/04 15:50 |
| S33 | 1 | (simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ti. | USPAT | OR | ON | 2003/03/04 15:50 |
| S34 | 2 | (simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ab. | USPAT | OR | ON | 2003/03/04 15:51 |
| S35 | 2 | (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ti. | USPAT | OR | ON | 2003/03/04 15:51 |
| S36 | 18 | (display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ab. | USPAT | OR | ON | 2003/03/04 15:51 |

| | | | | | | |
|-----|------|--|-------|----|----|------------------|
| S37 | 21 | ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ti.) or ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ab.) or ((display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ti.) or ((display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ab.)) | USPAT | OR | ON | 2003/03/04 15:51 |
| S38 | 12 | ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ti.) or ((simultaneous\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ab.) or ((display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ti.) or ((display\$4 with graph\$4 with (math or mathemati\$4 or equation or formula)).ab.)) and "345"/\$.ccls. | USPAT | OR | ON | 2003/03/04 16:15 |
| S39 | 2 | ((simultaneous\$4 or concurrent\$4) near2 display\$4 with graph\$4 with (formula or equation or mathematic\$4)) and ((graph\$4 or scientifi\$4) near2 calculator) | USPAT | OR | ON | 2003/03/04 16:17 |
| S40 | 1 | ("345"/\$.ccls. and (simultaneous\$4 or concurrent\$4) near2 display\$4 with graph\$4 with (formula or equation or mathematic\$4)) and ((graph\$4 or scientifi\$4) near2 calculator) | USPAT | OR | ON | 2003/03/04 16:18 |
| S41 | 3 | "345"/\$.ccls. and (simultaneous\$4 or concurrent\$4) near2 display\$4 with graph\$4 with (formula or equation or mathematic\$4) | USPAT | OR | ON | 2003/03/04 16:18 |
| S42 | 5 | (simultaneous\$4 or concurrent\$4) near2 display\$4 with graph\$4 with (formula or equation or mathematic\$4) | USPAT | OR | ON | 2003/03/04 16:19 |
| S43 | 2084 | (display\$4 or show\$4) with (formula or equation) with graph\$4 | USPAT | OR | ON | 2003/03/05 10:56 |
| S44 | 14 | ((graph\$4 or scientifi\$4) near2 calculator) and ((display\$4 or show\$4) with (formula or equation) with graph\$4) | USPAT | OR | ON | 2003/03/05 10:57 |
| S45 | 86 | (display\$4 or show\$4) with (formula or equation) with graph\$4 with (simultaneous\$4 or concurrent\$3 or together or both) | USPAT | OR | ON | 2003/03/05 11:09 |

| | | | | | | |
|-----|------|---|-----------------|----|-----|------------------|
| S46 | 3 | ((graph\$4 or scientifi\$4) near2 calculator) and ((display\$4 or show\$4) with (formula or equation) with graph\$4 with (simultaneous\$4 or concurrent\$3 or together or both)) | USPAT | OR | ON | 2003/03/05 11:03 |
| S47 | 0 | karl with jeacle.in. | USPAT | OR | ON | 2003/03/05 11:03 |
| S48 | 4 | ((display\$4 or show\$4) with (formula or equation) with graph\$4 with (simultaneous\$4 or concurrent\$3 or together or both)) and calculator | USPAT | OR | ON | 2003/03/05 11:11 |
| S49 | 11 | ((display\$4 or show\$4) with (formula or equation) with graph\$4 with (simultaneous\$4 or concurrent\$3 or together or both)) and "345"/\$.ccls. | USPAT | OR | ON | 2003/03/05 11:11 |
| S50 | 3 | (display\$4 or show\$4 or demonstra\$4) near4 (simultaneous\$4 or concurrent\$4) with equation with graph\$4 | USPAT | OR | ON | 2003/11/03 10:46 |
| S51 | 5441 | (display\$4 or show\$4 or demonstra\$4) near4 (simultaneous\$4 or concurrent\$4) and "345"/\$.ccls. | USPAT | OR | ON | 2003/11/03 10:36 |
| S52 | 9 | ((("5727161") or ("6133924") or ("5712656") or ("5535317") or ("5532946") or ("5210708") or ("5199103") or ("6081819") or ("6256649")).PN. | USPAT; USOCR | OR | OFF | 2003/11/03 10:36 |
| S53 | 3 | ((("5727161") or ("6133924") or ("5712656") or ("5535317") or ("5532946") or ("5210708") or ("5199103") or ("6081819") or ("6256649")).PN.) and ((display\$4 or show\$4 or demonstra\$4) near4 (simultaneous\$4 or concurrent\$4) and "345"/\$.ccls.) | USPAT | OR | OFF | 2003/11/03 10:36 |
| S54 | 4 | (display\$4 or show\$4 or demonstra\$4) near4 (simultaneous\$4 or concurrent\$4) with formula with graph\$4 | USPAT | OR | ON | 2003/11/03 10:46 |
| S55 | 1493 | calculator.ti. | USPAT | OR | ON | 2003/11/03 10:46 |
| S56 | 2878 | calculator.ab. | USPAT | OR | ON | 2003/11/03 10:46 |
| S57 | 3645 | calculator.ti. or calculator.ab. | USPAT | OR | ON | 2003/11/03 10:46 |
| S58 | 19 | (calculator.ti. or calculator.ab.) and (simultaneous\$4 or concurrent\$4) with graph\$4 | USPAT | OR | ON | 2003/11/03 10:49 |

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S59 | 1 | ((calculator.ti. or calculator.ab.) and (simultaneous\$4 or concurrent\$4) with (equation or formula)) and "345"/\$.ccls. | USPAT | OR | ON | 2003/11/03 10:49 |
| S60 | 70 | (calculator.ti. or calculator.ab.) and (simultaneous\$4 or concurrent\$4) with (equation or formula) | USPAT | OR | ON | 2003/11/03 10:57 |
| S61 | 21 | (simultaneous\$4 or concurrent\$4) near5 (equation or formula) near3 (graph\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/11/03 10:58 |
| S62 | 0 | "20030006986".URPN. | USPAT | OR | OFF | 2003/11/03 10:58 |
| S63 | 96 | anthony with blackman.xa. | USPAT | OR | OFF | 2003/11/03 11:28 |
| S64 | 3 | (anthony with blackman.xa.) and 345/440.ccls. | USPAT | OR | OFF | 2003/11/03 11:28 |
| S65 | 14 | (equation or formular) with (graph\$4 or chart) with (simultaneous\$4 or concurent\$4) | USPAT | OR | OFF | 2003/11/03 11:29 |
| S66 | 0 | (mathmathi\$4 or math) near2 (equation or formula) with (graph\$4 or chart\$4) | USPAT | OR | ON | 2003/11/03 16:37 |
| S67 | 5 | (mathmathi\$4 or math) near2 (equation or formula) with (display\$4) | USPAT | OR | ON | 2003/11/03 16:36 |
| S68 | 9644 | (equation or formula) with (graph\$4 or chart\$4) | USPAT | OR | ON | 2003/11/03 16:38 |
| S69 | 278 | display\$4 with (equation or formula) with (graph\$4 or chart\$4) | USPAT | OR | ON | 2003/11/03 16:38 |
| S70 | 9 | (simultaneous\$4 or concurrent\$4) with display\$4 with (equation or formula) with (graph\$4 or chart\$4) | USPAT | OR | ON | 2003/11/03 16:45 |
| S71 | 12 | (both or together) with display\$4 with (equation or formula) with (graph\$4 or chart\$4) | USPAT | OR | ON | 2003/11/03 16:45 |
| S72 | 2 | ((("5559939") or ("5210708")).PN. | USPAT; USOCR | OR | OFF | 2003/11/04 10:23 |
| S73 | 2 | ((("5559939") or ("5210708")).PN.) and (prelist\$4 or predetermin\$4 or prestore\$4) | USPAT | OR | OFF | 2003/11/04 10:23 |
| S74 | 1 | ((("5559939") or ("5210708")).PN.) and list\$4 | USPAT | OR | OFF | 2003/11/04 10:24 |
| S75 | 1 | ((("5559939") or ("5210708")).PN.) and list\$4 with (equation or formula\$4) | USPAT | OR | OFF | 2003/11/04 10:56 |
| S76 | 2 | ((("5559939") or ("5210708")).PN.) and (chang\$4 or edit\$4 or updat\$4) | USPAT | OR | OFF | 2003/11/04 10:27 |

| | | | | | | |
|-----|------|---|-----------------|----|-----|------------------|
| S77 | 2 | ((("5559939") or ("5210708")).PN.) and (chang\$4 or edit\$4 or updat\$4) with (formula or equation or graph\$4 or chart\$4 or draw\$4) | USPAT | OR | OFF | 2003/11/04 10:48 |
| S78 | 2 | ((("5559939") or ("5210708")).PN.) and (direct\$4 or automatic\$4 or interact\$4) | USPAT | OR | OFF | 2003/11/04 10:48 |
| S79 | 1 | ((("5559939") or ("5210708")).PN.) and stylus | USPAT | OR | OFF | 2003/11/04 10:56 |
| S80 | 11 | ((("6133924") or ("5712656") or ("5535317") or ("5532946") or ("5210708") or ("5199103") or ("6081819") or ("5680557") or ("5727161") or ("6256649") or ("5559939")).PN. | USPAT; USOCR | OR | OFF | 2004/05/05 13:58 |
| S81 | 10 | ((("6133924") or ("5712656") or ("5535317") or ("5532946") or ("5210708") or ("5199103") or ("6081819") or ("5680557") or ("5727161") or ("6256649") or ("5559939")).PN.) and (chang\$4 edit\$4 modif\$4 manipul\$4) with (graph\$5 represent\$5) | USPAT | OR | ON | 2004/05/05 13:59 |
| S82 | 5 | ((("6133924") or ("5712656") or ("5535317") or ("5532946") or ("5210708") or ("5199103") or ("6081819") or ("5680557") or ("5727161") or ("6256649") or ("5559939")).PN.) and (chang\$4 edit\$4 modif\$4 manipul\$4 updat\$4) with (graph\$5 represent\$5) same (interact\$4 concurrent\$4 simultaneous\$4) | USPAT | OR | ON | 2004/05/05 14:00 |
| S83 | 1081 | "345"/\$.ccls. and (chang\$4 edit\$4 modif\$4 manipul\$4 updat\$4) with (graph\$5 represent\$5) with (interact\$4 concurrent\$4 simultaneous\$4) | USPAT | OR | ON | 2004/05/05 14:08 |
| S84 | 39 | ("345"/\$.ccls. and (chang\$4 edit\$4 modif\$4 manipul\$4 updat\$4) with (graph\$5 represent\$5) with (interact\$4 concurrent\$4 simultaneous\$4)) and (math mathematic\$4) near4 (formula\$4 equat\$4) | USPAT | OR | ON | 2004/05/05 14:09 |

| | | | | | | |
|-----|------|---|-----------------|----|-----|------------------|
| S85 | 3 | ((("6133924") or ("5712656") or ("5535317") or ("5532946") or ("5210708") or ("5199103") or ("6081819") or ("5680557") or ("5727161") or ("6256649") or ("5559939")).PN.) and (chang\$4 edit\$4 modif\$4 manipulat\$4 updat\$4) with (graph\$5 represent\$5) with (interact\$4 concurrent\$4 simultaneous\$4) | USPAT | OR | ON | 2004/05/05 14:01 |
| S86 | 1089 | "345"/\$.ccls. and (chang\$4 edit\$4 modif\$4 manipulat\$4 updat\$4) with (graph\$5 represent\$5) with (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4) | USPAT | OR | ON | 2004/05/05 14:41 |
| S87 | 39 | ("345"/\$.ccls. and (chang\$4 edit\$4 modif\$4 manipulat\$4 updat\$4) with (graph\$5 represent\$5) with (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4)) and (math mathematic\$4) near4 (formula\$4 equat\$4) | USPAT | OR | ON | 2004/05/05 14:24 |
| S88 | 4891 | (math mathemat\$4).clm. | USPAT | OR | ON | 2004/05/05 14:24 |
| S89 | 241 | ((math mathemat\$4).clm.) and "345"/\$.ccls. | USPAT | OR | ON | 2004/05/05 14:39 |
| S90 | 171 | ((math mathemat\$4).clm.) and "345"/\$.ccls.) and (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4) | USPAT | OR | ON | 2004/05/05 14:40 |
| S91 | 24 | ((math mathemat\$4).clm.) and "345"/\$.ccls.) and (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4).ab. | USPAT | OR | ON | 2004/05/05 14:40 |
| S92 | 50 | ((math mathemat\$4).clm.) and "345"/\$.ccls.) and (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4).clm. | USPAT | OR | ON | 2004/05/05 14:40 |
| S93 | 13 | ((math mathemat\$4).clm.) and "345"/\$.ccls.) and (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4).ti. | USPAT | OR | ON | 2004/05/05 14:40 |
| S94 | 75 | ((math mathemat\$4).clm.) and "345"/\$.ccls.) and (graph\$5 represent\$5 equat\$4 formula\$4) with (interact\$4 concurrent\$4 simultaneous\$4 interrelat\$4) | USPAT | OR | ON | 2004/05/05 14:41 |
| S95 | 3 | ((("5210708") or ("5559939") or ("5535317")).PN. | USPAT; USOCR | OR | OFF | 2004/05/14 13:29 |

| | | | | | | |
|------|-------|---|-------|----|----|------------------|
| S96 | 3 | ((("5210708") or ("5559939") or ("5535317")).PN.) and (chang\$4 manipul\$4 edit\$) with (graph\$4 represent\$5) | USPAT | OR | ON | 2004/05/14 13:36 |
| S97 | 2 | ((("5210708") or ("5559939") or ("5535317")).PN.) and (chang\$4 manipul\$4 edit\$) near3 (graph\$4 represent\$5) | USPAT | OR | ON | 2004/05/14 13:35 |
| S98 | 36471 | "345"/\$.ccls. | USPAT | OR | ON | 2004/05/14 13:35 |
| S99 | 682 | "345"/\$.ccls. and (formula equation) with (graph\$4 representation) | USPAT | OR | ON | 2004/05/14 13:36 |
| S100 | 484 | "345"/\$.ccls. and (formula equation) with (graph\$4) | USPAT | OR | ON | 2004/05/14 13:36 |
| S101 | 256 | ("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) with (graph\$4) | USPAT | OR | ON | 2004/05/14 13:38 |
| S102 | 32 | ((("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) with (graph\$4)) and 345/440.ccls. | USPAT | OR | ON | 2004/05/14 13:38 |
| S103 | 152 | ("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) near3 (graph\$4) | USPAT | OR | ON | 2004/05/14 13:38 |
| S104 | 126 | ("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) near2 (graph\$4) | USPAT | OR | ON | 2004/05/14 13:38 |
| S105 | 21 | ((("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) near2 (graph\$4)) and 345/440.ccls. | USPAT | OR | ON | 2004/05/14 13:53 |
| S106 | 71 | ((("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) near2 (graph\$4)) and (simultaneous\$4 concurrent\$4 relation\$4 interrelat\$6 interact\$4 immediat\$4) near4 graph\$4 | USPAT | OR | ON | 2004/05/14 13:58 |
| S107 | 37 | ((("345"/\$.ccls. and (formula equation) with (graph\$4)) and (chang\$4 manipul\$4 edit\$) near2 (graph\$4)) and (simultaneous\$4 concurrent\$4 relation\$4 interrelat\$6 interact\$4 immediat\$4) near4 graph\$4) and (math mathematic\$4) | USPAT | OR | ON | 2004/05/14 14:07 |

| | | | | | | |
|----------|----|--|-----------------|----|-----|------------------|
| S10 8 | 7 | ("4674042" "4674043" "4870397" "4974194" "5226118" "5414809" "5437008").PN. | USPAT | OR | OFF | 2004/05/14 14:06 |
| S10 9 | 1 | ((("4674042" "4674043" "4870397" "4974194" "5226118" "5414809" "5437008").PN.) and (formula equation) | USPAT | OR | ON | 2004/05/14 14:57 |
| S11 0 | 0 | "5990888".pn. and (predetermin\$4 prestor\$4) | USPAT | OR | ON | 2004/05/14 14:58 |
| S11 1 | 1 | "5990888".pn. and (memory stor\$4 buffer) | USPAT | OR | ON | 2004/05/14 15:45 |
| S11 2 | 0 | "5990888".pn. and axes | USPAT | OR | ON | 2004/05/14 15:45 |
| S11 3 | 0 | "5990888".pn. and coordinat\$4 | USPAT | OR | ON | 2004/05/14 15:45 |
| S11 4 | 12 | ((("5712656") or ("6133924") or ("5532946") or ("5535317") or ("5210708") or ("5199103") or ("6081819") or ("6256649") or ("5680557") or ("5727161") or ("5559939") or ("5990888")).PN. | USPAT; USOCR | OR | OFF | 2004/05/14 15:47 |
| S11 5 | 6 | ((("5712656") or ("6133924") or ("5532946") or ("5535317") or ("5210708") or ("5199103") or ("6081819") or ("6256649") or ("5680557") or ("5727161") or ("5559939") or ("5990888")).PN.) and (axes) | USPAT | OR | OFF | 2004/05/14 15:47 |
| S11 6 | 4 | ((("5712656") or ("6133924") or ("5532946") or ("5535317") or ("5210708") or ("5199103") or ("6081819") or ("6256649") or ("5680557") or ("5727161") or ("5559939") or ("5990888")).PN.) and (axes) with graph\$4 | USPAT | OR | OFF | 2004/05/14 15:47 |
| S11 7 | 4 | ((("5712656") or ("6133924") or ("5532946") or ("5535317") or ("5210708") or ("5199103") or ("6081819") or ("6256649") or ("5680557") or ("5727161") or ("5559939") or ("5990888")).PN.) and (axes) with graph\$4 | USPAT | OR | ON | 2004/05/14 15:48 |
| S11 8 | 1 | ((("5712656") or ("6133924") or ("5532946") or ("5535317") or ("5210708") or ("5199103") or ("6081819") or ("6256649") or ("5680557") or ("5727161") or ("5559939") or ("5990888")).PN.) and (axes) with graph\$4 near3 (modif\$4 chang\$4 manipul\$4 edit\$4) | USPAT | OR | ON | 2004/05/14 15:48 |

| | | | | | | |
|----------|------|---|--------------------|----|-----|------------------|
| S11 9 | 2 | ((("5535317") or ("5990888")).PN. | USPAT | OR | OFF | 2005/01/03 09:57 |
| S12 0 | 2 | S119 and (shift\$4 mov\$5 shrink\$4 stretch\$4 enlarg\$4 reduc\$4) | USPAT | OR | OFF | 2005/01/03 09:59 |
| S12 1 | 28 | (shift\$4 mov\$4) near2 graph\$4 and (shrink\$4 stretch\$4) near2 graph\$4 | USPAT | OR | OFF | 2005/01/03 10:00 |
| S12 2 | 40 | (shift\$4 mov\$4) near2 graph\$4 and (shrink\$4 stretch\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:21 |
| S12 3 | 1 | S122 and (math mathematic\$5) near3 (equation formula) | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:03 |
| S12 4 | 15 | S122 and (equation formula) | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:22 |
| S12 5 | 956 | (equation formula) with graph\$6 with (interact\$4 inter\$1relat\$4 relat\$6) | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:21 |
| S12 6 | 1 | S122 and S125 | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:21 |
| S12 7 | 5217 | (shift\$4 mov\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:21 |
| S12 8 | 30 | S125 and (shift\$4 mov\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:51 |
| S12 9 | 13 | S128 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:00 |
| S13 0 | 15 | S122 and (equation formula) | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:40 |
| S13 1 | 956 | (equation formula) with graph\$6 with (interact\$4 inter\$1relat\$4 relat\$6) | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:51 |
| S13 2 | 30 | S131 and (shift\$4 mov\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:02 |
| S13 3 | 13 | S132 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/03 10:55 |
| S13 4 | 7 | S131 and casio.as. | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:02 |
| S13 5 | 13 | S131 and sharp.as. | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:02 |
| S13 6 | 3 | S131 and texas.as. | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:02 |
| S13 7 | 23 | S134 S135 S136 | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:02 |
| S13 8 | 4 | S137 and (shift\$4 mov\$4 shrink\$4 stretch\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:06 |
| S13 9 | 5 | shift\$4 near2 (graph\$4) and (shrink\$4 stretch\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:07 |
| S14 0 | 0 | S139 and calculator | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:07 |

| | | | | | | |
|----------|-------|---|--------------------|----|-----|------------------|
| S14 1 | 5 | S139 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:09 |
| S14 2 | 5 | S141 and (math mathematic\$5 formula equation function) | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:10 |
| S14 3 | 2 | S141 and (math mathematic\$5 formula equation) | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:11 |
| S14 4 | 0 | S141 and (math mathematic\$5) near3 function | US-PGPUB; USPAT | OR | ON | 2005/01/03 11:10 |
| S14 5 | 16 | ((("5199103") or ("5210708") or ("5532946") or ("5535317") or ("5559939") or ("5680557") or ("5712656") or ("5727161") or ("5926186") or ("5990888") or ("6081819") or ("6121979") or ("6133924") or ("6256649") or ("20030006986") or ("20040227738")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/01/03 17:39 |
| S14 6 | 5 | S145 and (shift\$4 mov\$4) near2 graph\$4 | USPAT | OR | OFF | 2005/01/03 16:25 |
| S14 7 | 2 | S145 and (shift\$4 mov\$4) near2 graph\$4 same (formula equation function) | USPAT | OR | ON | 2005/01/03 16:20 |
| S14 8 | 7 | S145 and (shift\$4 mov\$4) near2 graph\$4 | US-PGPUB; USPAT | OR | OFF | 2005/01/03 16:31 |
| S14 9 | 3 | S148 and (deform\$4 warp\$4 shrink\$4 stretch\$4) | US-PGPUB; USPAT | OR | OFF | 2005/01/03 16:26 |
| S15 0 | 3 | S148 and (deform\$4 warp\$4 shrink\$4 stretch\$4) and (formula equation function) | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:31 |
| S15 1 | 5 | S148 and (deform\$4 warp\$4 shrink\$4 stretch\$4 enlarg\$4 reduc\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:32 |
| S15 2 | 1 | ("6549923").PN. | USPAT | OR | OFF | 2005/01/03 16:41 |
| S15 3 | 1 | S152 and (shift\$4 mov\$4) with graph\$4 | USPAT | OR | OFF | 2005/01/03 16:43 |
| S15 4 | 1 | S152 and (shift\$4 mov\$4) | USPAT | OR | ON | 2005/01/03 16:41 |
| S15 5 | 24721 | (math\$4 mathematic\$4) near2 (equation function formula express\$5 represent\$5) | USPAT | OR | ON | 2005/01/03 16:43 |
| S15 6 | 34586 | (math\$4 mathematic\$4) near2 (equation function formula express\$5 represent\$5) | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:47 |
| S15 7 | 469 | S156 and (shift\$4 mov\$4) near3 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:44 |
| S15 8 | 1409 | S156 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:47 |

| | | | | | | |
|----------|-------|--|--------------------|----|----|------------------|
| S15 9 | 112 | S158 and (shift\$4 mov\$4) near3 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:48 |
| S16 0 | 63 | S159 and (deform\$4 warp\$4 shrink\$4 stretch\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:46 |
| S16 1 | 100 | S159 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 16:48 |
| S16 2 | 10217 | (math\$4 mathematic\$4) near2 (equation function formula express\$5 represent\$5) with (graph\$4 represent\$6 imag\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:01 |
| S16 3 | 666 | S162 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:02 |
| S16 4 | 41 | S163 and (shift\$4 mov\$4) near3 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:03 |
| S16 5 | 36 | S164 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:03 |
| S16 6 | 3529 | S162 and (math\$4 mathematic\$4) near2 (equation function formula express\$5 represent\$5) near4 (display\$4 draw\$4 render\$4 show\$4 represent\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:02 |
| S16 7 | 722 | S162 and (math\$4 mathematic\$4) near2 (equation function formula express\$5 represent\$5) near4 (display\$4 draw\$4 render\$4 show\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:02 |
| S16 8 | 71 | S167 and "345"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:02 |
| S16 9 | 10 | S168 and (shift\$4 mov\$4) near3 graph\$4 | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:03 |
| S17 0 | 36 | S165 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:03 |
| S17 1 | 9 | S169 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:12 |
| S17 2 | 7 | S171 and (interact\$4 inter\$1relat\$7 simultaneous\$4 concurrent\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:04 |
| S17 3 | 9 | S169 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) with (axis axes point coordinat\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:09 |
| S17 4 | 7 | S169 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) near3 (axis axes point coordinat\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:00 |
| S17 5 | 8 | S169 and (deform\$4 warp\$4 shrink\$4 stretch\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:12 |

| | | | | | | |
|----------|----|--|--------------------|----|-----|------------------|
| S17 6 | 18 | ((("5199103") or ("5210708") or ("5532946") or ("5535317") or ("5559939") or ("5680557") or ("5712656") or ("5727161") or ("5926186") or ("5990888") or ("6081819") or ("6121979") or ("6133924") or ("6256649") or ("20030006986") or ("20040227738") or ("6492989") or ("5557718"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/01/03 17:40 |
| S17 7 | 16 | S176 and (shift\$4 mov\$4 transl\$5) | US-PGPUB; USPAT | OR | ON | 2005/01/03 17:40 |
| S17 8 | 7 | S176 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) near3 (axis axes point coordinat\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:01 |
| S17 9 | 10 | S176 and (deform\$4 warp\$4 shrink\$4 stretch\$4 scal\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:01 |
| S18 0 | 2 | S176 and (deform\$4 warp\$4 shrink\$4 stretch\$4) near3 (axis axes point coordinat\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:02 |
| S18 1 | 6 | S176 and (deform\$4 warp\$4 shrink\$4 stretch\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:01 |
| S18 2 | 2 | S176 and (deform\$4 warp\$4 shrink\$4 stretch\$4 shrunk) near3 (axis axes point coordinat\$4) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:02 |
| S18 3 | 6 | S176 and (deform\$4 warp\$4 shrink\$4 stretch\$4 shrunk) | US-PGPUB; USPAT | OR | ON | 2005/01/03 18:03 |